

NJ SG

NEW JERSEY SEA GRANT 2010 NSGO REVIEW

Dorn Carlson

New Jersey

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Program Management

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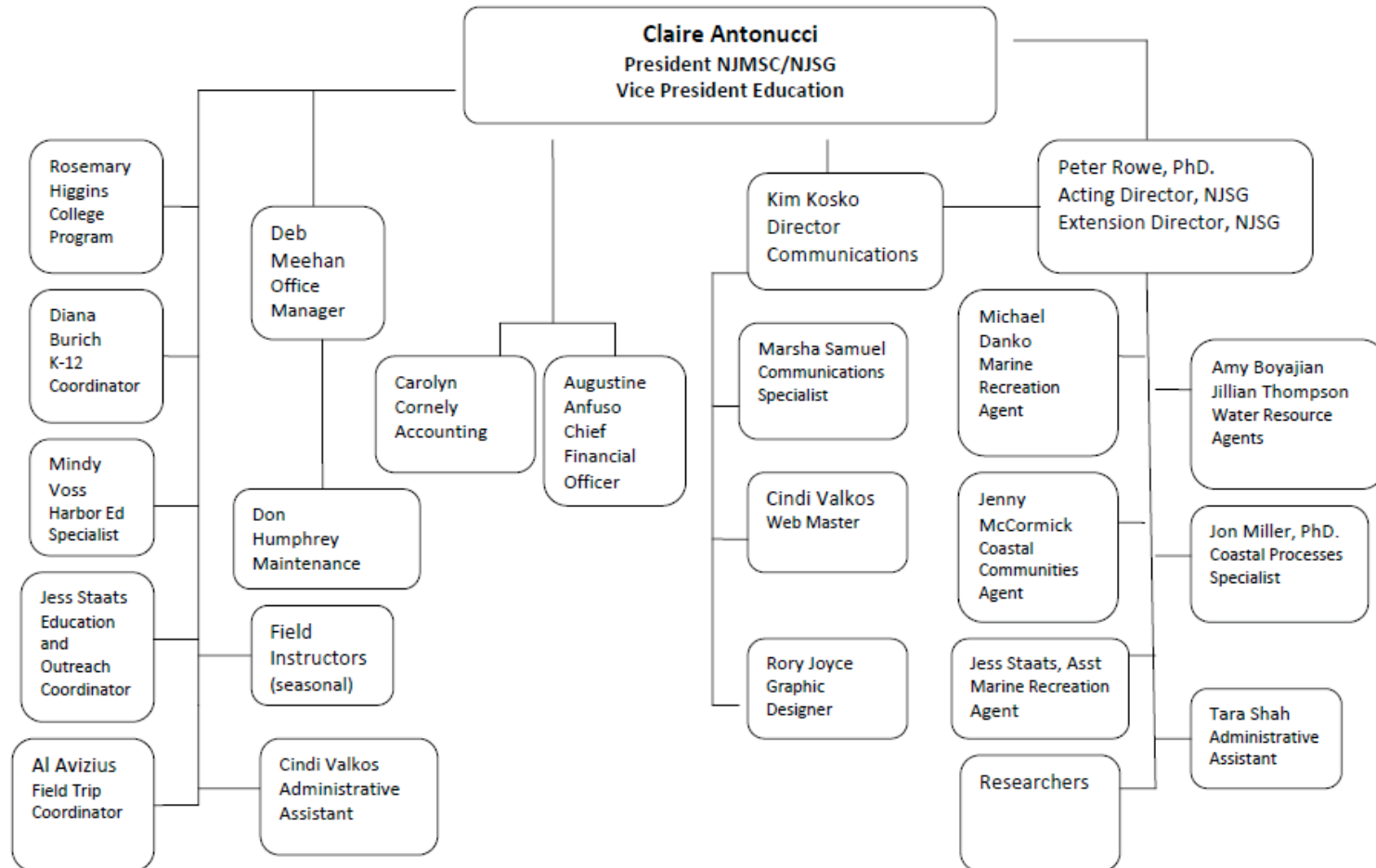
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□ Management Team

- Director, Peter Rowe (acting), (1.0 FTE)
- Assistant Director, Peter Rowe
- Extension Leader, Peter Rowe
- Communicator, Kim Kosko, (1.0 FTE)
- Fiscal Officer, Augustine Anfuso, (1.0 FTE)
- Education Lead, Claire Antonucci (1.0 FTE)

Program Organizational Chart NJ SG

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Extension Program

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- Peter M. Rowe - Extension Director
- Amy Boyajian - Water Resources Agent (*and Program Associate in Water Resources for Rutgers Cooperative Extension*)
- Michael J. Danko - Marine Recreation Agent - Fisheries & Boating
- Jenny McCormick - Coastal Communities Agent
- Jon Miller - Coastal Processes Specialist (through MOA with Stevens Institute)
- Jessica Staats - Assistant Marine Recreation Agent
- Jillian Thompson - Water Resources Agent (*and Program Associate for Rutgers Cooperative Extension Water Resources Program*)

Program Management – Advisory Board NJ SG

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- Research advisory board – reviews proposals
- Advisory council – high level advice. Many members are also on Consortium Executive Board

Francis A. Lutz Dean, School of Science Monmouth University

Robert Prezant Dean Montclair State University

Donald Sebastian Sr. Vice President for Research and Development NJ Institute of Technology

Jon Larson President Ocean County Community College

Keith Cooper formerly Dean, RCE Cook College

J. Frederick Grassle Director Institute of Marine and Coastal Science, Rutgers

Jeffrey Osborn Dean of Science The College of NJ, School of Science

Michael S. Bruno Dean, Charles V. Schaefer Jr. School of Engineering Stevens Institute of Technology

Program Management – Advisory Board (con't) NJ SG

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Stakeholder Advisory Board

- develop the relevancy criteria for research for the last omnibus RFP (2010-12 funding cycle)
- provide comments to pre and full proposals
- comments on strategic and implementation plans

Tim Dillingham	American Littoral Society
Steve Carnahan	Seaboard Fisheries Institute
Joseph Myers	NJ Dept. Agriculture Seafood Division
Harry Debutts	Board of Public Works, Avalon
Tom Fote	Jersey Coast Anglers Association
Ray Bogan	Bogan's Basin (Charter Fishing)
Gustavo Calvo	NJDEP, Shellfish Bureau
Greg Hueth	Save Summer Flounder Fishery Fund
Rich Ritota	NJ Health and Human Services
Robert Nyman	NY/NJ Harbor Estuary Program
G. Boehm-Clifton	NJ DOT Office of Maritime Resources

Debbie Mans	NY-NJ Baykeeper
Thomas Noji	NMFS - Howard Lab at Sandy Hook
Kris Ohleth	Blue Water Wind
Melissa Danko	NJ Marine Trades Association
Tony MacDonald	Urban Coast Institute
Chris Miller	USDA Plant Materials Center
Dorina Frizzera	NJDEP, Coastal Management Office
Stan Hales	Barnegat Bay National Estuary Program
Danielle Kreeger	Partnership for the Delaware Estuary
Lucy Ambrosino	Port Authority of NY-NJ
Margot Walsh	Jersey Shore Partnership

Institutional Setting

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Consortium Executive Board

President NJMSC

SG Director

NEW JERSEY MARINE SCIENCES CONSORTIUM

- Academy of Natural Sciences of Philadelphia
- Brookdale Community College
- Burlington County College
- The College of New Jersey
- County College of Morris
- Cumberland County College
- Georgian Court University
- Kean University
- Monmouth University
- Montclair State University
- New Jersey City University
- NJ Institute of Technology
- Ocean County College
- Ramapo College of New Jersey
- Rowan University
- Rutgers University
- Seton Hall University
- Stevens Institute of Technology
- Stockton College
- Union County College
- William Patterson University
- *(Marine Academy of Science and Technology)*

State Sea Grant Program Plan –

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Estimated 4-yr Budget Allocation per focus area

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National Focus Area	Focus Area from Program Strategic Plan	Estimated Level of Effort of Federal, Match and Leveraged (%)	Estimated Level of Effort of Federal and Match (\$)	Estimated Level of Effort of Leveraged (\$)
Safe & Sustainable Seafood Supply		10%	992,000	
Sustainable Coastal Development		35%	1,652,000	550,000
Healthy Coastal Ecosystems		35%	2,252,000	190,000
Hazard Resiliency in Coastal Communities		20%	1,296,000	2,000,000
Total			6,192,000	2,740,000

Performance Measure/Outcome Highlights NJ SG

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- *Community planners understand the necessity for sustainable planning and design for coastal development and will balance multiple land uses to reduce the impact on coastal ecosystems.*

Sustainable Coastal Development		
Number of coastal communities engaged in activities (e.g. visioning, resource inventories, analysis of development policies) or making informed development decisions that address the sustainability of economic and environmental resources as a result of Sea Grant's capacity building, tools, data, technologies, and/or education of community leaders.	Number of coastal communities applying for and receiving the Sustainable Jersey certification.	12 out of 129 coastal communities over four years.
Number of coastal communities who have adopted/implement sustainable - economic and environmental - development practices and policies (e.g., land-use planning, working waterfronts, energy efficiency, climate change planning, smart growth measures, green infrastructure) as a result of Sea Grant activities.	Number of communities requiring that sustainability elements are included by planners in designs/plans.	10 communities with sustainability requirements in four years.

Major Partners

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- Rutgers University - Water Resources Institute (Cooperative Extension)
- Stevens Inst of Tech - Center for Maritime Systems
- USDA - Cape May Plant Materials Center
- Monmouth U - Urban Coast Institute
- Jacques Cousteau NERR
- Harbor Estuary Program, Barnegat Bay Estuary Program
- NJ: DEP CM Program, DOT Office of Maritime Resources, Office of Emerg Mgmt, Office of Travel and Tourism
- National Weather Service

2008/2009 Network Activities ^{NJ SG}

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- Mid-Atlantic (MA) SG Region
- MA and Greater NY Bight Regional Research and Information Planning Steering Committees
- SG Climate Change group (Jon Miller)
- Member, Mid-Atlantic Coastal Ocean Observing Regional Association (Peter Rowe)
- Mid-Atlantic Regional Council on the Ocean (MARCO)

2010 RFP Process

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- Rigorous, time and labor intensive process (preproposals were due Jan 09, final modified proposals due Oct 09)
- Research Advisory Committee
- Four themes match national themes
- Cross Cutting Theme: Urban-Industrial Estuaries / Ports and Harbors

	Number	No. of institutions
Preproposals	24	6
Proposals submitted	13	3
Funded	4	2

2008/2009 Program Metrics – Awards and Honors

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- Claire Antonucci, Marine Educator of the Year, Champions of the Ocean Awards, presented by Monmouth University Urban Coast Institute

2008/2009 Highlights of Metrics^{NJ SG}

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- *K-16: Programs for children and families—number of attendees: 19924 (second only to Georgia)*
- *School programs, summer programs, camps*
- *Near the top in media placements (175), especially relative to program budget*

2008/2009 Program Impacts

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- NJSG develops science-based approach to dune management. Working with NJ DEP and USDA, Natural Resources Conservation Service, Cape May Plant Materials Center, the NJSG worked with several communities to establish a more science-based approach towards dune management and resolve disputes.
- Sustainable oyster aquaculture technique to restore bay. A “rack and bag” oyster culture system developed by NJSG has been highly successful. The study stimulated industry interest in oyster farming. Marketing efforts have resulted in acceptance of Cape May Salt Oysters as a premier oyster product from New Jersey. Currently, five growers are utilizing these Sea Grant-developed techniques.
- Clean Marinas. The NJSG Extension Program continued its partnership with the NJ DEP Office of Coastal Management to conduct the NJ Clean Marina Program. Over 120 marinas have participated in Clean Marina related workshop, 200 marinas have received the guidebook and 27 marinas have been recognized as a Clean Marina.... NJSG helped marinas obtain funds through New Jersey Clean Vessel Act Program to install vessel pump-outs at their facilities that collect and dispose of vessel-generated sewage. There are now 177 pump-outs and five (5) pump-out vessels, up from 50 in 1995... Fueled by funding from the NJ Department of Transportation’s “I BOAT NJ” program, NJSG awarded special grants to marinas to help them implement projects and practices to reduce environmental impacts from recreational boating.
- Recycling. Hundreds of tons of shrink wrap are used every year to protect boats during the winter season. The NJSG Extension Program and the NJ Department of Environmental Protection Coastal Management Office partnered to increase the number of shrink wrap recycling locations, and to launch an education and outreach effort to promote recycling shrink wrap and other materials used to store and maintain boats. In 2007, 330,000 pounds (almost 75%) was recycled.

Best Management Practices

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- *Active in multiple regional research planning efforts—provides a bridge between GNYB and MA*